











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FIRE ALARM PLAN – SYMBOLS

-  FIRE ALARM CONTROL PANEL
-  MANUAL PULL STATION
-  SMOKE DETECTOR
-  DUCT SMOKE DETECTOR
-  TAMPER SWITCH
-  FLOW SWITCH
-  SPEAKER STROBE
-  STROBE ONLY

REFERENCES

-  KEYED NOTE
-  REVISION DELTA

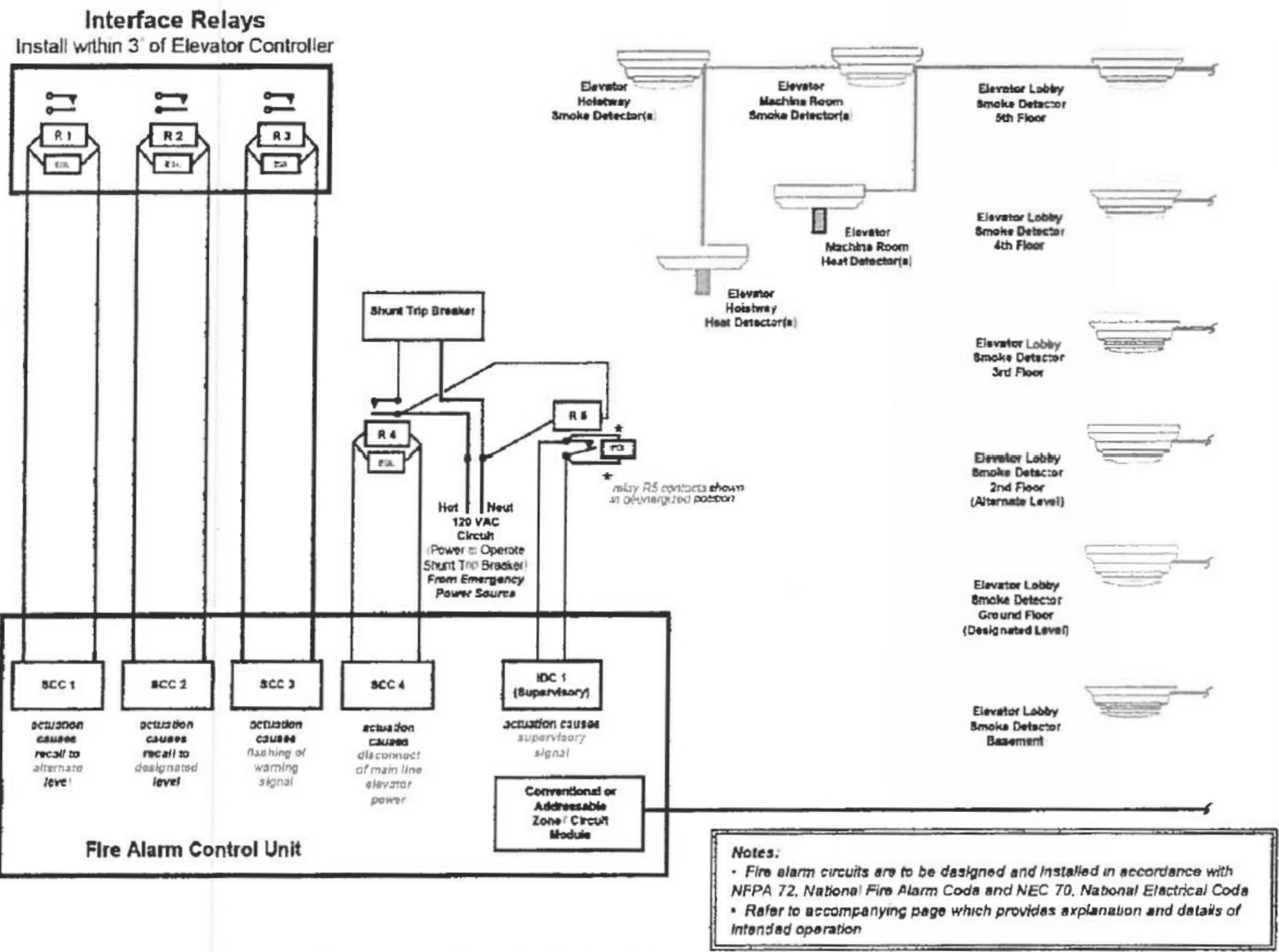
GENERAL NOTES

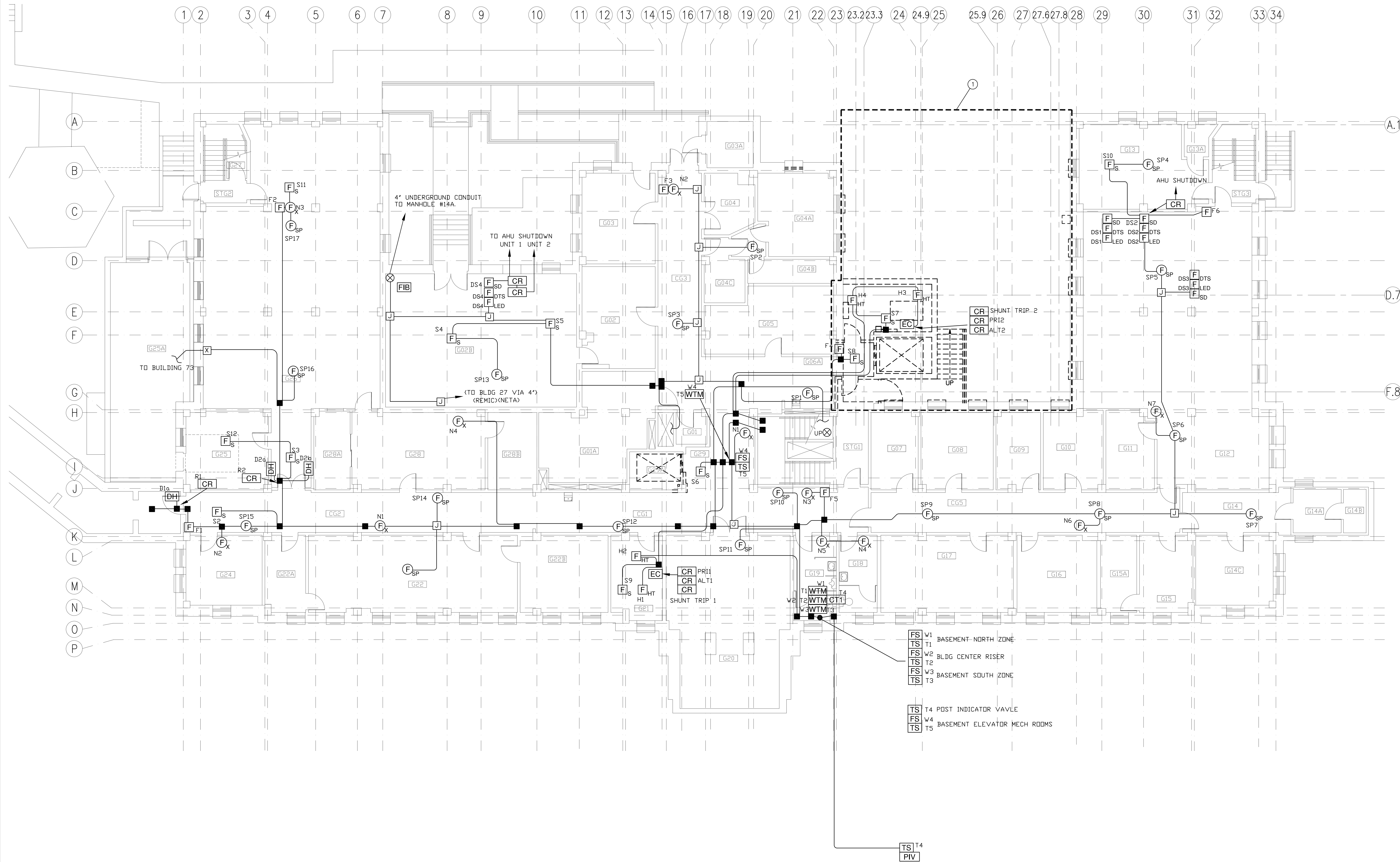
- A. ALL CONTRACT DOCUMENTS ARE PART OF THE FIRE ALARM WORK INSOFAR AS THEY APPLY, AS IF REFERRED TO IN FULL. SEE CONTRACT DOCUMENTS OF ALL OTHER DISCIPLINES FOR WORK TO BE PERFORMED BY THE ELECTRICAL CONTRACTOR.
- B. DO NOT SCALE FIRE PROTECTION DRAWINGS. DRAWINGS ARE MADE ON A SMALL SCALE, DEVICES AND EQUIPMENT ARE SHOWN IN THEIR APPROXIMATE LOCATION, UNLESS SPECIFICALLY DIMENSIONED. VERIFY ALL DIMENSIONS ON THE PROJECT. REFER TO CONTRACT DOCUMENTS OF ALL OTHER DISCIPLINES FOR DIMENSIONS.
- C. MATERIALS, DIMENSIONS, WALL THICKNESS, ROUGH OPENINGS, PATTERNS, AND THE LIKE SHALL BE FIELD VERIFIED BY THE CONTRACTOR. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO COMMENCING WITH THE WORK.
- D. PRIOR TO ROUGH-IN OF ANY FIRE PROTECTION EQUIPMENT THE CONTRACTOR SHALL COORDINATE WITH ALL CONSTRUCTION DOCUMENTS AND ALL OTHER TRADES TO PREVENT ANY INTERFERENCES. PREPARE COORDINATION DRAWINGS AS REQUIRED IN CONJUNCTION WITH OTHER TRADES TO PREVENT INTERFERENCES. ANY MODIFICATIONS TO WORK INSTALLED DUE TO LACK OF COORDINATION SHALL BE FULLY BORNE BY THE CONTRACTOR.
- E. CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF AS-BUILT DRAWINGS. AS-BUILT SET OF DRAWINGS SHALL BE UPDATED DAILY AND SHALL DOCUMENT THE ACTUAL INSTALLED CONDITION OF THE ENTIRE FIRE ALARM INSTALLATION. AS-BUILT SET OF DRAWINGS SHALL BE AVAILABLE AT ALL TIMES ON THE SITE FOR INSPECTION BY CODE OFFICIALS, OWNER, ARCHITECT, AND ENGINEER.
- F. OBTAIN ALL PERMITS, COORDINATE, FURNISH, INSTALL, CONNECT AND TEST ALL FIRE ALARM EQUIPMENT REQUIRED FOR ALL THE SYSTEMS INSTALLED UNDER THIS CONTRACT TO INSURE COMPLETE AND FULLY OPERATIONAL SYSTEMS.
- G. INSTALL ALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS.
- H. ALL FIRE ALARM CONDUCTOR SHALL BE ROUTED IN CONDUIT. CONDUIT SIZE SHALL BE 3/4" MINIMUM. FIRE ALARM SYSTEM CONDUIT SHALL BE RED IN COLOR.
- I. UPON ACTIVATION OF SMOKE DETECTOR IN THE ELEVATOR MACHINE ROOM, ELEVATOR SHALL NOT BE RECALLED TO THE FLOOR ON WHICH THE ELEVATOR MACHINE ROOM IS LOCATED.
- J. ALL FIRE ALARM PROGRAMMING MUST BE ACCOMPLISHED BY THE CURRENT VA BOISE FIRE ALARM MAINTENANCE CONTRACTOR. THE CURRENT BOISE FIRE ALARM MAINTENANCE CONTRACTOR IS FIRE SENTRY SYSTEMS, Inc. 208-887-4774
- K. THE SAME CONTRACTOR (FIRE SENTRY) THAT PERFORMS THE INSTALLATION WILL PROVIDE THE OWNER/ OWNERS REPRESENTATIVE WITH INSTRUCTION AS HOW TO MANAGE, CONTROL, AND PROGRAM THE INSTALLED FIRE ALARM SYSTEM.

FIRE ALARM DRAWING INDEX

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FA2.3A	THIRD FLOOR FIRE ALARM PLAN–BASE BID
FA3.1	FIRE ALARM RISER DIAGRAM AND DETAILS

Pictorial Representation of Fire Alarm Interface with Elevators






- A. ALL DEMOLITION OF FIRE ALARM SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF FIRE ALARM WITH ALL TRADES PRIOR TO START OF DEMOLITION.
- B. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- C. ALL CIRCUITS AND RELATED DEVICES THAT ARE TO REMAIN ARE TO STAY "ENERGIZED" IN THE DEMOLITION AND NEW CONSTRUCTION PHASES UNTIL THE COMPLETION OF THE WORK INDICATED ON THESE PLANS.
- D. THE CONTRACTOR SHALL REMOVE ALL FIRE ALARM ASSOCIATED WITH WALLS AND CEILING REMOVED. ALL EXISTING LOCATION BOXES WITH WALLS WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK.
- E. CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES. REUSE EXISTING CONDUITS AND JUNCTION BOXES AS IS PRACTICAL.
- F. CONTRACTORS OPTION TO REUSE EXISTING JUNCTION BOX IN CORRECT LOCATION AT APPLIANCES AND DEVICES IN WALLS NOT BEING REMOVED. EXISTING CONDUCTORS, DEVICES, AND COVERPLATES SHALL BE REPLACED WITH NEW.
- G. WHERE FIRE ALARM DEMOLITION IS DESIGNATED, ALL EXISTING CONDUCTORS SHALL BE REMOVED.
- H. THE CONTRACTOR SHALL PROVIDE UPDATED SHOP DRAWINGS AND BATTERY CALCULATIONS OF AREAS IMPACTED BY THIS PROJECT.

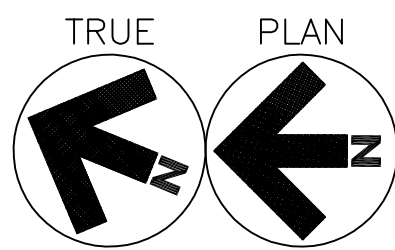
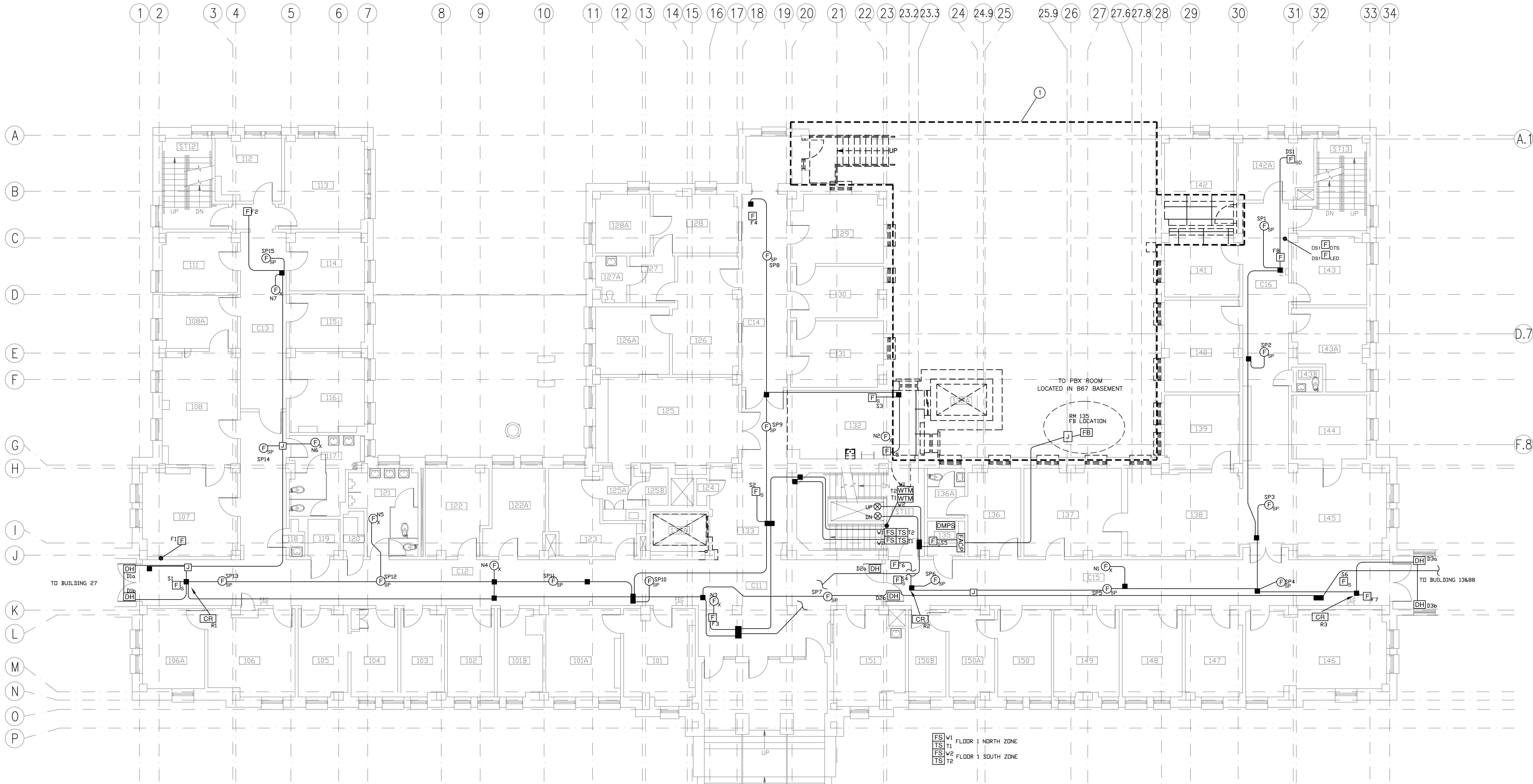
1. REMOVE FIRE ALARM WITHIN THIS BOUNDARY BACK TO SOURCE INCLUDING CONDUCTORS; ROUTED BELOW GRADE, MOUNTED ON THE SURFACE OF BUILDING, LOCATED IN PARTS OF BUILDING TO BE DEMOLISHED, AND ASSOCIATED WITH THE ELEVATOR TO BE REMOVED.

1 GROUND FLOOR FIRE ALARM DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

				<p>PROJECT TITLE BOISE VAMC BUILDING 67 EXPANSION</p> <p>DATE 07/12/2013</p>		 <p>DEPARTMENT OF VETERANS AFFAIRS</p>
		<p>PROJECT NO. 531-320</p>		<p>DRAWING NO. FA1.0</p>		
<p>REVISIONS</p>		<p>DATE</p>		<p>BUILDING NUMBER 67</p> <p>CHECKED AKD</p> <p>DRAWN RJL</p>		<p>DWG 180 of 191</p>
				<p>LOCATION VAMC BOISE, IDAHO</p>		

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1 FIRST FLOOR FIRE ALARM DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- ALL DEMOLITION OF FIRE ALARM SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF FIRE ALARM WITH ALL TRADES PRIOR TO START OF DEMOLITION.
- PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- ALL CIRCUITS AND RELATED DEVICES THAT ARE TO REMAIN ARE TO STAY "ENERGIZED" IN THE DEMOLITION AND NEW CONSTRUCTION PHASES UNTIL THE COMPLETION OF THE WORK INDICATED ON THESE PLANS.
- THE CONTRACTOR SHALL REMOVE ALL FIRE ALARM ASSOCIATED WITH WALLS BEING REMOVED, AND IN ALL LOCATIONS WHERE JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK.
- CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES. REUSE EXISTING CONDUITS AND JUNCTION BOXES AS IS PRACTICAL.
- CONTRACTORS OPTION TO REUSE EXISTING JUNCTION BOX IN CORRECT LOCATION AT APPLIANCES AND DEVICES IN WALLS NOT BEING REMOVED. EXISTING CONDUCTORS, DEVICES, AND COVERPLATES SHALL BE REPLACED WITH NEW.
- WHERE FIRE ALARM DEMOLITION IS DESIGNATED, ALL EXISTING CONDUCTORS SHALL BE REMOVED.
- THE CONTRACTOR SHALL PROVIDE UPDATED SHOP DRAWINGS AND BATTERY CALCULATIONS OF AREAS IMPACTED BY THIS PROJECT.

SHEET NOTES:

- REMOVE FIRE ALARM WITHIN THIS BOUNDARY BACK TO SOURCE INCLUDING CONDUCTORS, ROUTED BELOW GRADE, MOUNTED ON THE SURFACE OF BUILDING, LOCATED IN PARTS OF BUILDING TO BE DEMOLISHED, AND ASSOCIATED WITH THE ELEVATOR TO BE REMOVED.

REVISIONS	DATE

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DRAWING TITLE
FIRST FLOOR
FIRE ALARM
DEMOLITION PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
BOISE VAMC
BUILDING 67 EXPANSION

BUILDING NUMBER
67

CHECKED
AKD

DRAWN
RJL

LOCATION
VAMC BOISE, IDAHO

DATE
07/12/2013

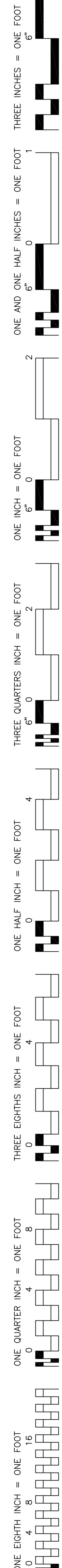
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DEPARTMENT OF VETERANS AFFAIRS



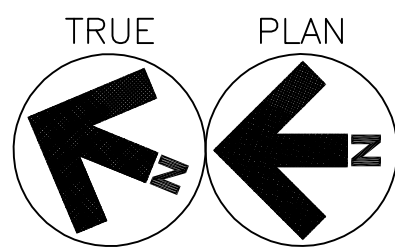
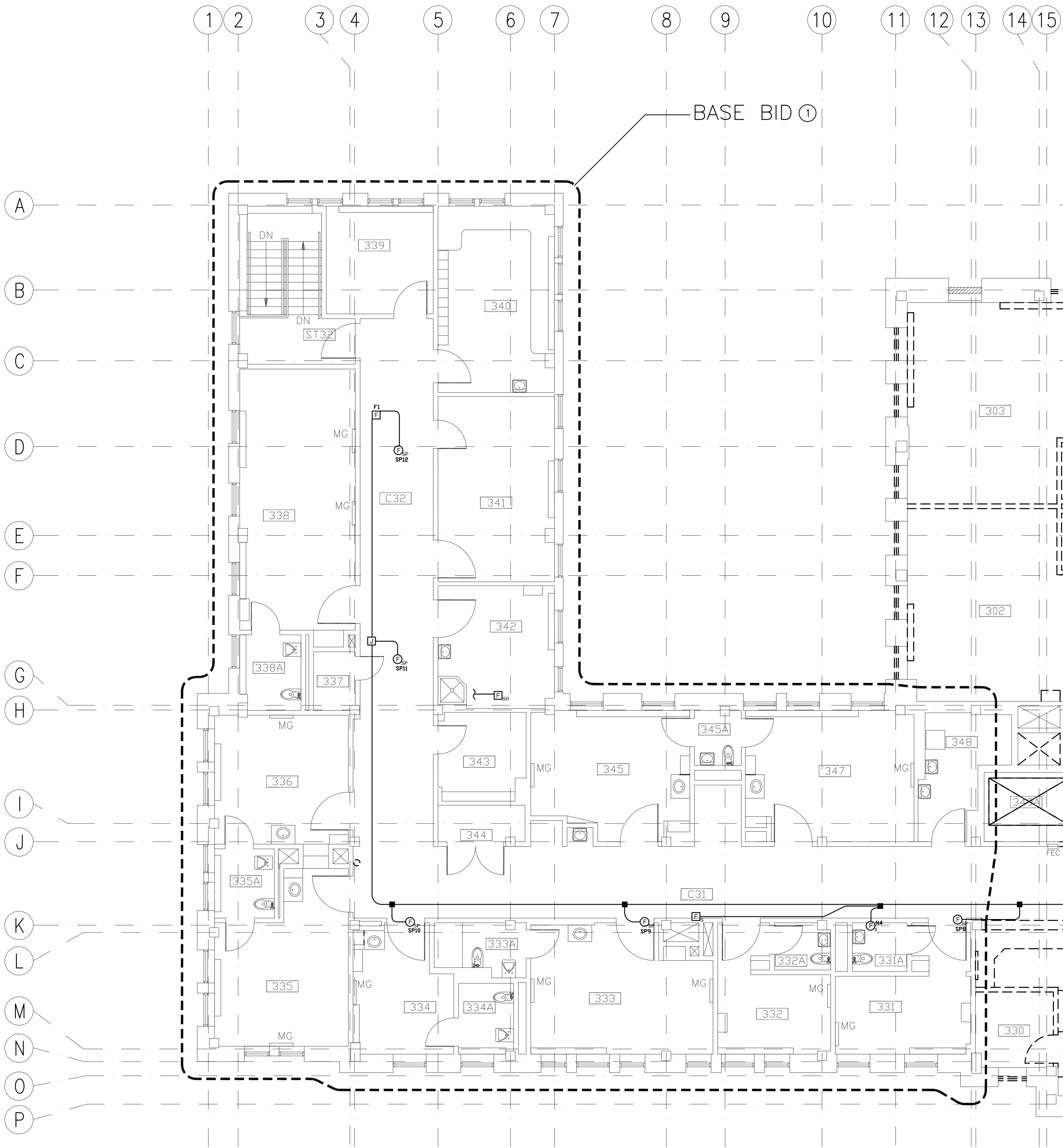
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- B. PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
- C. ALL CIRCUITS AND RELATED DEVICES ARE TO REMAIN ARE TO STAY "ENERGIZED" IN THE DEMOLITION AND NEW CONSTRUCTION PHASES UNTIL THE COMPLETION OF THE WORK INITIATED ON THESE PLANS.
- D. THE CONTRACTOR SHALL REMOVE ALL FIRE ALARM ASSEMBLIES WITH WALLS BEING DEMOLISHED. ALL JUNCTION BOXES AND JUNCTION BOXES WILL NOT REMAIN ACCESSIBLE AFTER INSTALLATION OF MILLWORK.
- E. CONTRACTOR SHALL DISPOSE OF THE REMOVED DEVICES. DISPOSAL OF DEVICES SHALL COMPLY WITH ALL APPROPRIATE CODES. REMOVE EXISTING CONDUITS AND JUNCTION BOXES AS IS PRACTICAL.
- F. CONTRACTORS OPTION TO REMOVE EXISTING JUNCTION BOX IN CORRECT LOCATION AT APPLIANCES AND DEVICES IN WALLS NOT BEING REMOVED. EXISTING CONDUCTORS, DEVICES, AND COVERPLATES SHALL BE REPLACED WITH NEW.
- G. WHERE FIRE ALARM DEMOLITION IS DESIGNATED, ALL EXISTING CONDUCTORS SHALL BE REMOVED.
- H. THE CONTRACTOR SHALL PROVIDE UPDATED SHOP DRAWINGS AND BATTERY CALCULATIONS OF AREAS IMPACTED BY THIS PROJECT.

1. REMOVE FIRE ALARM WITHIN THIS BOUNDARY BACK TO SOURCE INCLUDING CONDUCTORS; ROUTED BELOW GRADE, MOUNTED ON THE SURFACE OF BUILDING, LOCATED IN PARTS OF BUILDING TO BE DEMOLISHED, AND ASSOCIATED WITH THE ELEVATOR TO BE REMOVED. COORDINATE FIRE ALARM DEMOLITION WITH PHASING PLAN.
2. FIRE ALARM PANELS WITHIN THIS AREA ARE TO REMAIN OPERATIONAL FOR RECONNECTION OF NEW WORK. REMOVE ALL FIRE ALARM WITHIN THIS BOUNDARY BACK TO FACP/IMP/IMP PANELS AND ASSOCIATED FEEDERS. COORDINATE FIRE ALARM DEMOLITION WITH PHASING PLAN.
3. BID OPTION #3. REMOVE FIRE ALARM IN THIS AREA AS DIRECTED / INDICATED IN SHEET NOTE 1, THIS DRAWING.

SCALE: 1/8" = 1'-0"

		<div>AMY E. DOCKTER, P.E. C.W. MOORE PLAZA 250 S. 5TH ST BOISE, IDAHO PHONE: 208-343-4635 FAX: 208-343-1858</div>		<div>STAMP </div>	<div>CAD FILE NAME: 531-320_FA1.3.DWG</div> <div>XREF FILE NAME: 531-320_30X42TLBK.DWG 531-320_67a3.dwg 531-320_67GRID.DWG 531-320_3rd Panels.DWG</div>		<div>DRAWING TITLE THIRD FLOOR FIRE ALARM DEMOLITION PLAN</div> <div>APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE</div>		<div>PROJECT TITLE BOISE VAMC BUILDING 67 EXPANSION</div> <div>BUILDING NUMBER 67</div> <div>CHECKED AKD</div> <div>DRAWN RUL</div> <div>LOCATION VAMC BOISE, IDAHO</div>		<div>DATE 07/12/2013</div> <div>PROJECT NO. 531-320</div> <div>DRAWING NO. FA1.3</div> <div>DWG 183 of 191</div>		<div> DEPARTMENT OF VETERANS AFFAIRS</div>
<div>REVISIONS</div>		<div>C.W. MOORE PLAZA 250 S. 5TH ST. BOISE, ID 83702 (208) 343-4635 FAX (208) 343-1858 http://www.cshqa.com</div> <div>THESE DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE HEREBY GRANTED THE PROPERTY OF THE ARCHITECT. ENGINEER WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THESE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY ANY PERSON OR ENTITY ON OTHER PROJECTS, OR ADDITIONS TO THIS PROJECT, OR COMPLETION OF THIS PROJECT, WITHOUT THE WRITTEN CONSENT OF CSHQA OR ITS AFFILIATES. Copyright © 2013</div>			<div>APPROVED: MEDICAL CENTER DIRECTOR</div>		<div>DWG 183 of 191</div>						

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1 THIRD FLOOR FIRE ALARM DEMOLITION PLAN—BASE BID

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- ALL DEMOLITION OF FIRE ALARM SYSTEMS SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. VERIFY DEMOLITION OF FIRE ALARM WITH ALL TRADES PRIOR TO START OF DEMOLITION.
- PROTECT ALL EXISTING WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED MATERIALS, SYSTEMS, COMPONENTS, FINISHES AND THE LIKE, SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE ACCEPTANCE OF THE OWNER.
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- WHERE FIRE ALARM DEMOLITION IS DESIGNATED, ALL EXISTING CONDUCTORS SHALL BE REMOVED.
- THE CONTRACTOR SHALL PROVIDE UPDATED SHOP DRAWINGS AND BATTERY CALCULATIONS OF AREAS IMPACTED BY THIS PROJECT.

SHEET NOTES:

- BASE BID. FIRE ALARM IN THIS AREA IS TO REMAIN AS-IS. RECONNECT ANY CIRCUITS AFFECTED BY ADJACENT DEMOLITION WORK.

REVISIONS	DATE

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531-320_67GRID.DWG
531-320_3rd Panels.DWG

DRAWING TITLE
THIRD FLOOR
FIRE ALARM
DEMOLITION PLAN—BASE BID

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
BOISE VAMC
BUILDING 67 EXPANSION

BUILDING NUMBER
67

CHECKED
AKD

DRAWN
DJP

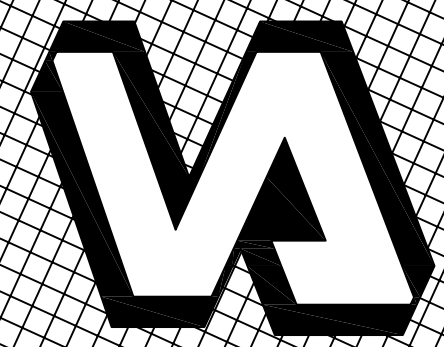
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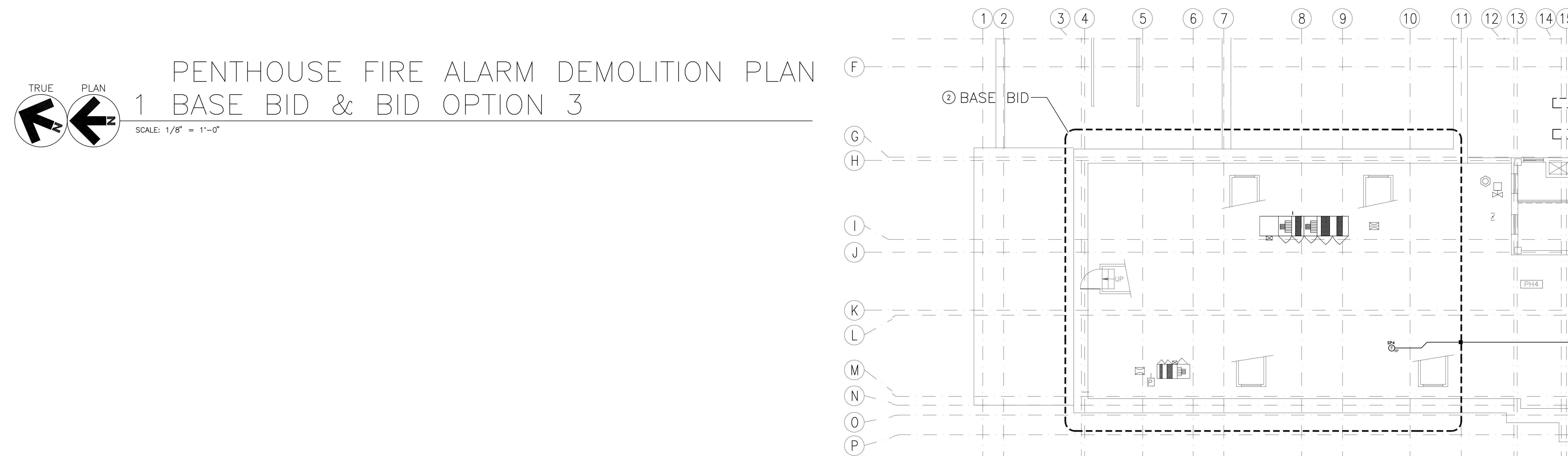
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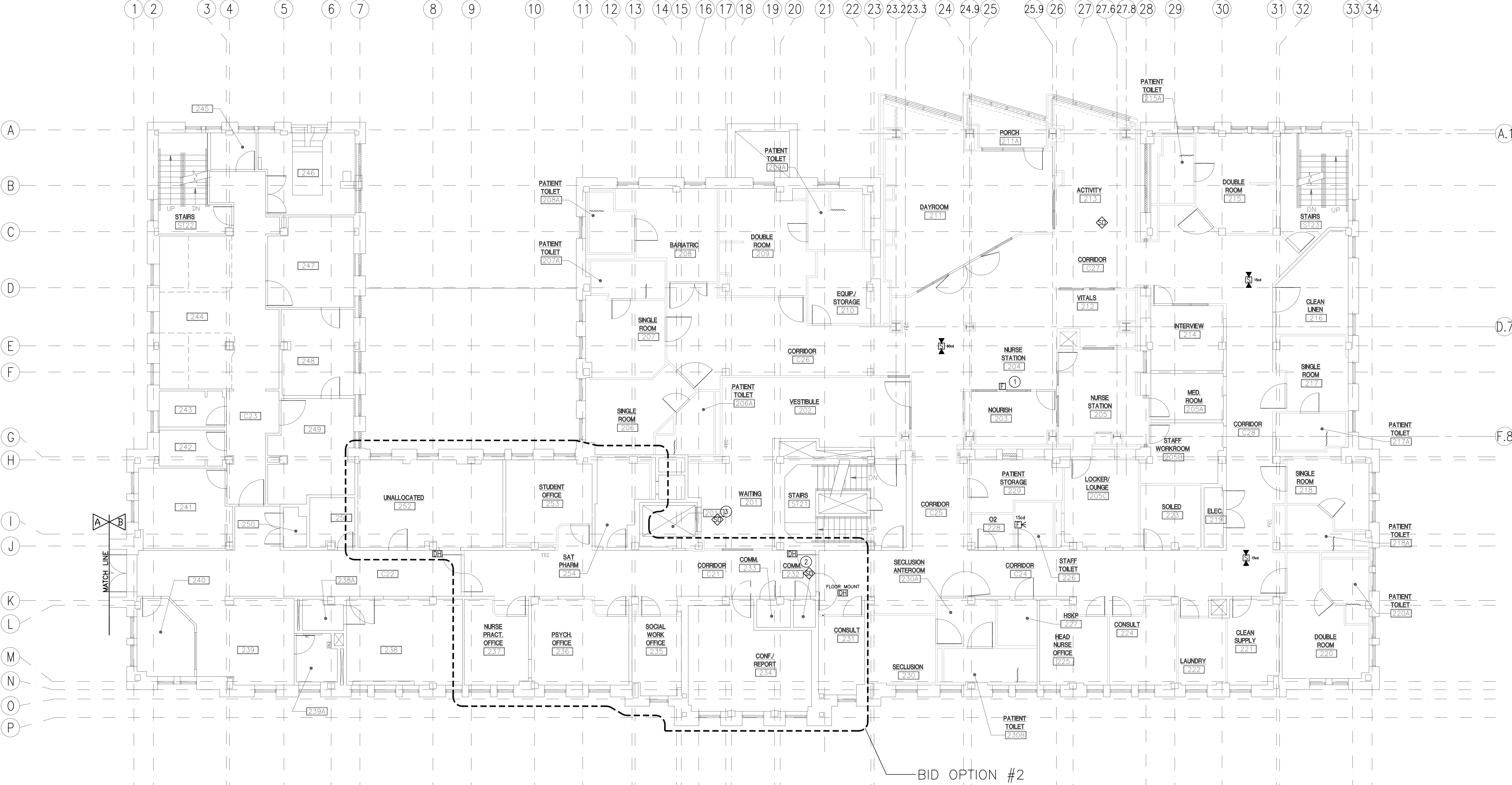
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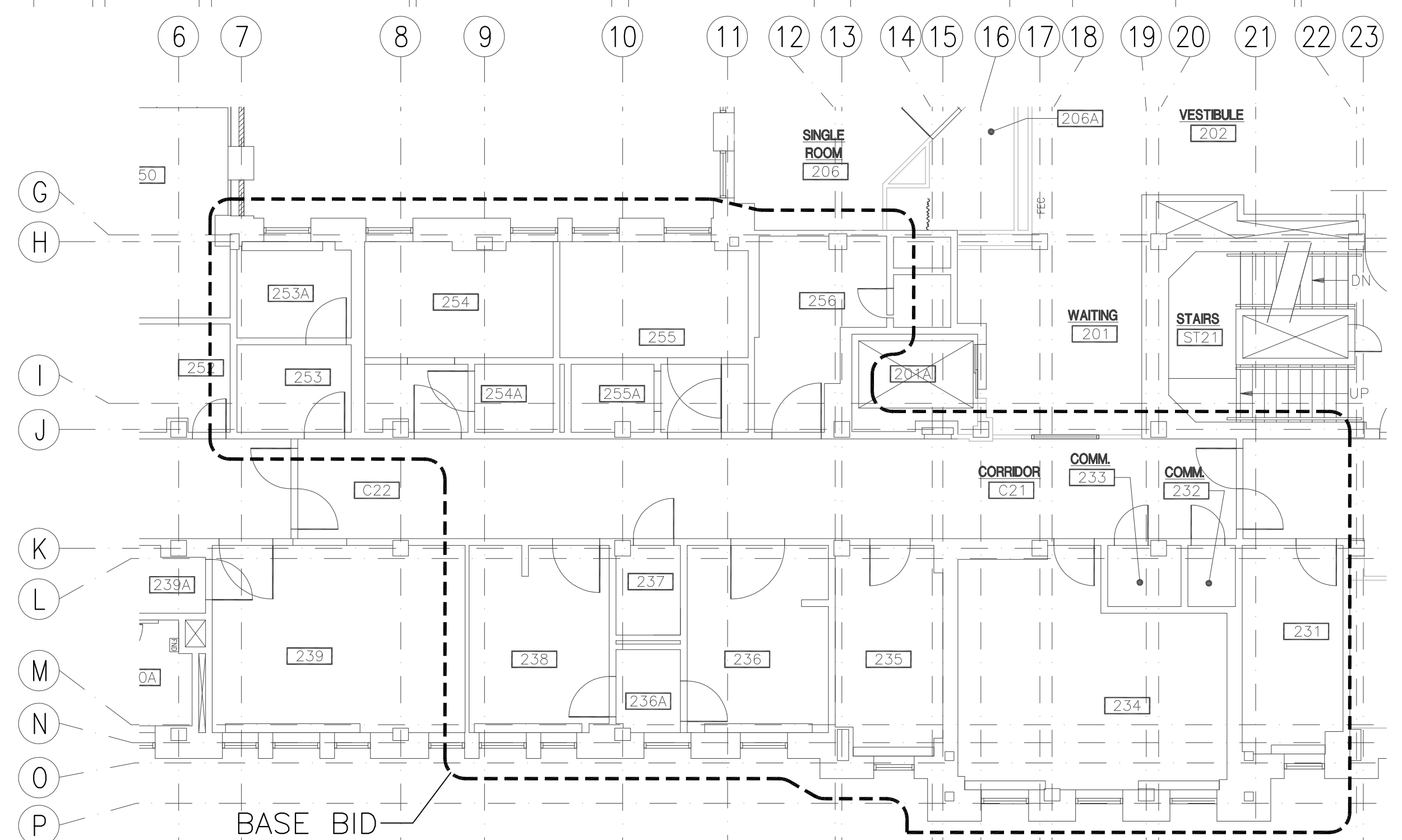




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TRUE PLAN
1 SECOND FLOOR FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



TRUE PLAN
1 SECOND FLOOR FIRE ALARM PLAN—BASE BID
SCALE: 1/8" = 1'-0"

THESE ENGINEERED DRAWINGS ARE TO DEFINE THE DESIGN CONCEPT FOR WORKING PLAN PREPARATION BY OTHERS. FIRE ALARM CONTRACTOR SHALL PROVIDE A COMPLETE SET OF SHOP DRAWINGS FOR TENANT IMPROVEMENTS INCLUDING BUT NOT LIMITED TO APPLIANCE/DEVICE LAYOUT, WIRING, EQUIPMENT ADDRESSES, WIRING DIAGRAMS, BATTERY CALCULATIONS, I/O MATRIX, ONE LINE DIAGRAM, SUBMITTALS, EXISTING SYSTEM TIE IN DIAGRAMS AND EQUIPMENT COMPATIBILITY DOCUMENTATION. CONTRACTOR IS RESPONSIBLE TO OBTAIN A SEALED LETTER OF ACCEPTANCE, FROM THE ENGINEER, CERTIFYING THE SHOP DRAWINGS ARE IN ACCORDANCE WITH THE DESIGN CONCEPT. REVIEW LETTER SHALL BE SUBMITTED WITH WORKING PLANS TO APPROPRIATE JURISDICTIONAL AUTHORITIES AND INTERESTED PARTIES.

GENERAL NOTES:

- A. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL FIRE ALARM WORK WITH ALL OTHER TRADES.
- B. THIS IS A MULTI-OCCUPANCY CLASSIFICATION WITH AN OCCUPANT LOAD OF LESS THAN 500 OR MORE THAN 100 PERSONS ABOVE OR BELOW THE LOWEST LEVEL OF EXIT DISCHARGE. A FULL VISUAL NOTIFICATION SYSTEM IS NOT REQUIRED.
- C. MANUAL PULL STATIONS SHALL BE INSTALLED PER NFPA 101-18.3.
- D. FIRE ALARM SYSTEM SHALL HAVE SPARE CAPACITY FOR ADDITIONS AND/OR MODIFICATION TO NOTIFICATION APPLIANCE CIRCUITS AND INITIATING CIRCUITS.
- E. NOTIFICATION APPLIANCES (AUDIBLE AND VISUAL) SHALL BE SYNCHRONIZED PER NFPA 72 REQUIREMENTS.
- F. SEPARATE 120V POWER CIRCUITS ARE TO BE USED FOR DUCT SMOKE DETECTORS (IN-DUCT OR SAMPLING TUBE TYPE). DO NOT CONNECT TO THE 120V POWER CIRCUIT FOR THE CIRCUITS FOR DAMPERS & DOOR HOLDERS, OR THE CIRCUITS FOR POWER EXTENDER PANELS.
- G. SHOP DRAWINGS SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ) PRIOR TO THE INSTALLATION OF ANY CONDUIT OR COMPONENT. A SET OF APPROVED PLANS SHALL BE MAINTAINED AT THE JOB SITE AT ALL TIMES.
- H. ALL FIRE ALARM CABLE IS TO BE ATTACHED/SUPPORTED TO STRUCTURE INDEPENDENTLY AND NOT ATTACHED TO OTHER HANGERS OR EQUIPMENT, OR IS TO BE INSTALLED IN CONDUIT.
- I. FIRE ALARM SYSTEM BOXES AND CONDUIT IN AREAS NOT WITHIN PUBLIC VIEW SHALL BE PAINTED RED OR OTHERWISE MARKED AS REQUIRED BY NFPA 72. ALL FIRE ALARM EQUIPMENT IN PUBLIC VIEW IS TO BE PROVIDED WITH THE MANUFACTURER APPLIED CUSTOM COLOR DESIGNATED BY THE ARCHITECT.
- J. COORDINATE WITH MECHANICAL CONTRACTOR REGARDING DUCT DETECTORS. IF DUCT DETECTORS ARE REQUIRED, THEY SHALL HAVE AN ACCESS MAINTENANCE HATCH PER NFPA 72. ENSURE CONNECTIONS TO THE EXISTING FIRE ALARM CONTROL PANEL MEET NFPA 72 REQUIREMENTS. DUCT DETECTORS TO BE POWERED BY OTHERS (NOT FROM THE FACP).
- K. FIRE ALARM SYSTEM SHALL HAVE EXPANSION SPACE FOR DETECTORS AND NOTIFICATION APPLIANCES. NAC PANELS MAY BE REQUIRED (NAC). CONTRACTOR SHALL INDICATE THE LOCATION ON THE SHOP DRAWINGS. FURNISH AND INSTALL A SMOKE DETECTOR TO COMPLY WITH CODE REQUIREMENTS.
- L. CONTRACTOR SHALL COORDINATE WITH CAMPUS SYSTEM DURING THE DESIGN PHASE AND PROVIDE A FIRE ALARM SYSTEM THAT IS PEER TO PEER AND NETWORKABLE WITH THE EXISTING SYSTEM.
- M. FIRE ALARM CONTROL PANEL AND ASSOCIATED EQUIPMENT THAT REQUIRES 120V SHALL BE ON A DEDICATED BRANCH CIRCUIT, BE A LOCK-ON TYPE BREAKER THAT IS RED AND BE ON THE GENERATOR BACK UP SYSTEM.
- N. THE SAME CONTRACTOR (FIRE SENTRY) THAT PERFORMS THE INSTALLATION WILL PROVIDE THE OWNER / OWNERS REPRESENTATIVE WITH INSTRUCTION AS HOW TO MANAGE/CONTROL/AND PROGRAM THE INSTALLED FIRE ALARM SYSTEM.

SHEET NOTES:

- 1. MANUAL PULL STATION AT CONSTANTLY ATTENDED LOCATION.
- 2. SMOKE DETECTOR FOR DOOR HOLD OPEN RELEASE.
- 3. SMOKE DETECTOR FOR ELEVATOR RECALL.

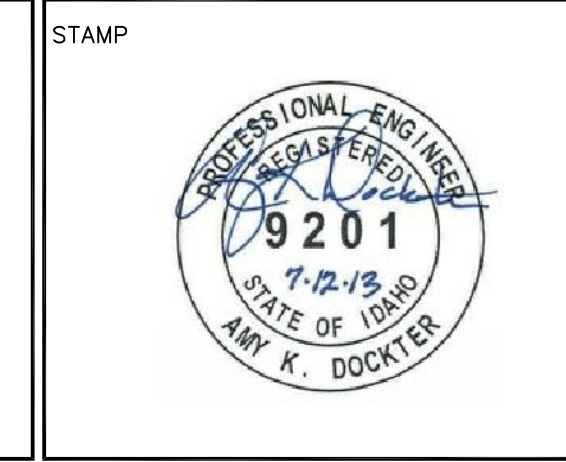
REVISIONS	DATE



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CAD FILE NAME:
531-320_FA2.2.DWG
XREF FILE NAME:
531-320_30X42TLBK.DWG
X67A2.DWG

DRAWING TITLE
SECOND FLOOR
FIRE ALARM PLAN

APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE

APPROVED: MEDICAL CENTER DIRECTOR

PROJECT TITLE
BOISE VAMC
BUILDING 67 EXPANSION

BUILDING NUMBER
67

CHECKED
AKD

DRAWN
RJL

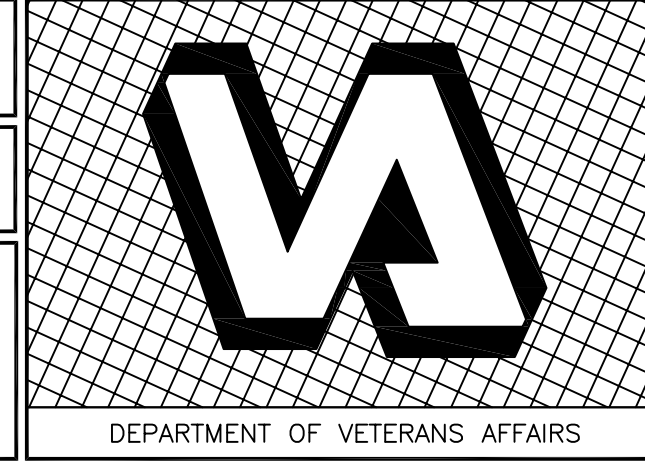
LOCATION
VAMC BOISE, IDAHO

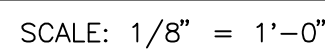
DATE
07/12/2013

PROJECT NO.
531-320

DRAWING NO.
FA2.2



DWG 188 OF 191



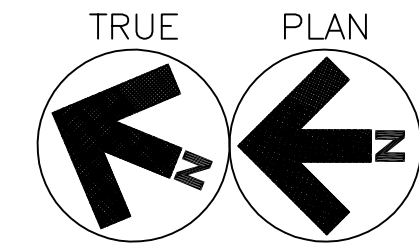
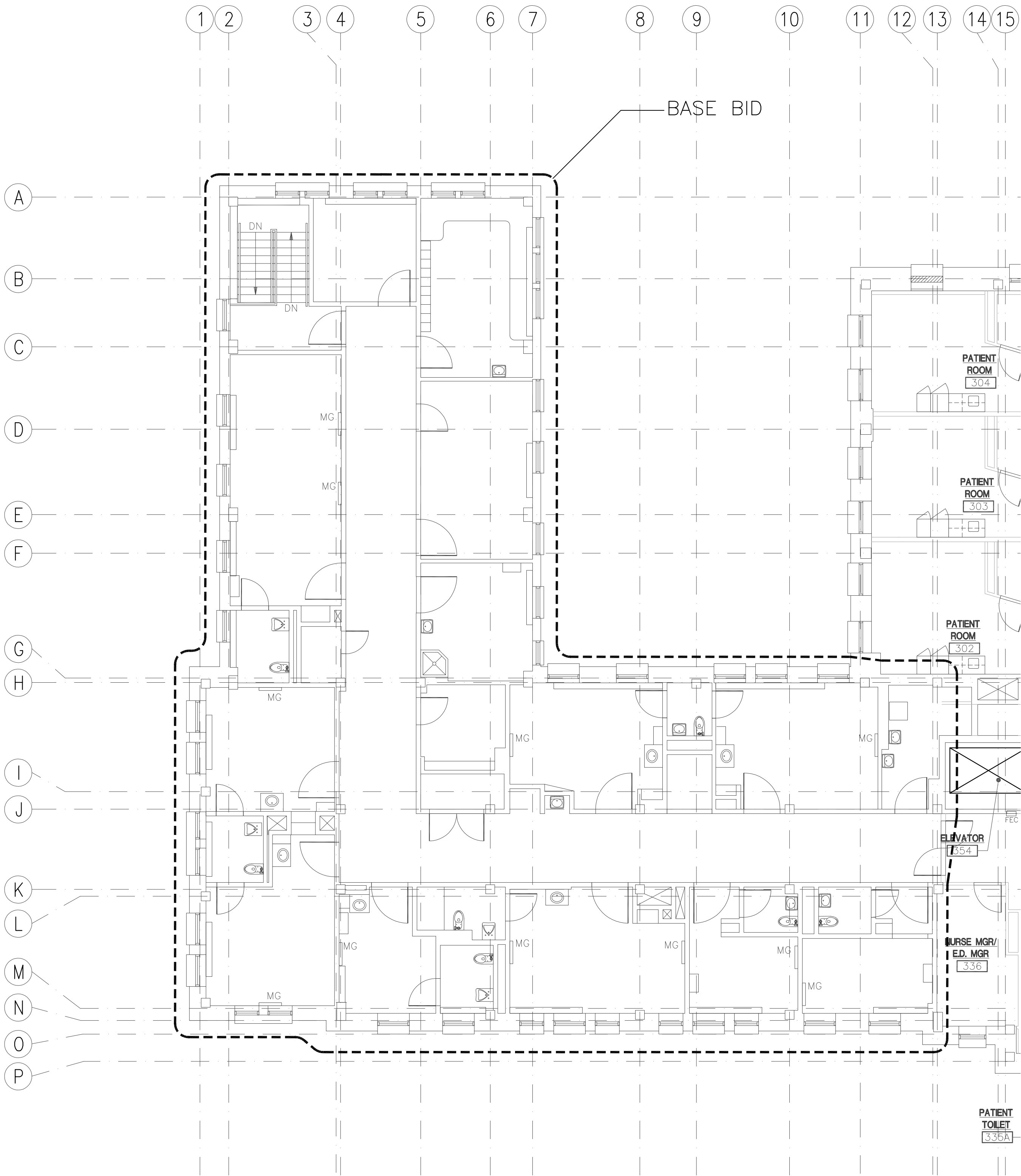


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1. MANUAL PULL STATION AT CONSTANTLY ATTENDED LOCATION.
2. SMOKE DETECTOR FOR DOOR HOLDER RELEASE.
3. SMOKE DETECTOR FOR ELEVATOR RECALL.

<div> <div> <div>CSHQ</div> <div>AMT K. DOCKTER, P.E.</div> </div> <div> <div>C.W. MOORE PLAZA</div> <div>250 S. 5TH ST. BOISE, ID 83702</div> <div>(208) 343-4635 FAX (208) 343-1858</div> <div>http://www.cshq.com</div> </div> </div>		<div> <div> <div>CAD FILE NAME:</div> <div>531-320_FA2.3.DWG</div> </div> <div> <div>XREF FILE NAME:</div> <div>531-320_30X42TLBK.DWG</div> <div>X67A3.DWG</div> </div> </div>		<div> <div>DRAWING TITLE</div> <div>THIRD FLOOR FIRE ALARM PLAN</div> </div>		<div> <div>PROJECT TITLE</div> <div>BOISE VAMC BUILDING 67 EXPANSION</div> </div>		<div> <div>DATE</div> <div>07/12/2013</div> </div>			
		<div> <div>STAMP</div>  </div>		<div> <div>APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE</div> </div>		<div> <div>BUILDING NUMBER</div> <div>67</div> </div> <div> <div>CHECKED</div> <div>AKD</div> </div> <div> <div>DRAWN</div> <div>RJL</div> </div>		<div> <div>PROJECT NO.</div> <div>531-320</div> </div>			
<div> <div>REVISIONS</div> </div>		<div> <div>DATE</div> </div>		<div> <div>APPROVED: MEDICAL CENTER DIRECTOR</div> </div>		<div> <div>LOCATION</div> <div>VAMC BOISE, IDAHO</div> </div>		<div> <div>DWG</div> <div>189 OF 191</div> </div>		<div> <div>DEPARTMENT OF VETERANS AFFAIRS</div> </div>	

ONE EIGHTH INCH = ONE FOOT
ONE QUARTER INCH = ONE FOOT
THREE EIGHTHS INCH = ONE FOOT
ONE HALF INCH = ONE FOOT
THREE QUARTERS INCH = ONE FOOT
ONE INCH = ONE FOOT
ONE AND ONE HALF INCHES = ONE FOOT
THREE INCHES = ONE FOOT



1 THIRD FLOOR FIRE ALARM PLAN—BASE BID



SCALE: 1/8" = 1'-0"

GENERAL NOTES:

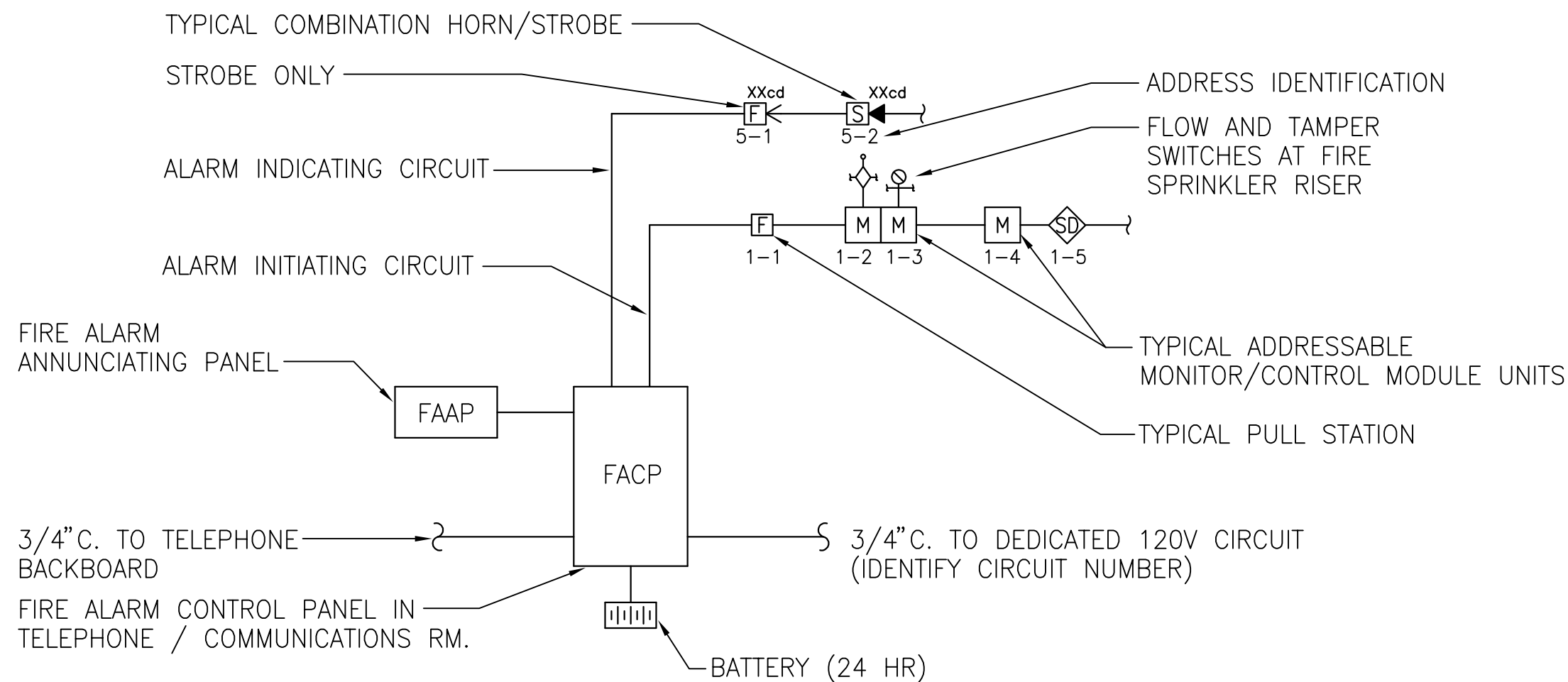
- A. ALL ELECTRICAL WORK SHALL BE CLOSELY COORDINATED WITH THE CONTRACTORS PHASING OF THE PROJECT. COORDINATE ALL FIRE ALARM WORK WITH ALL OTHER TRADES.
- B. THIS IS A MULTI-OCCUPANCY CLASSIFICATION WITH AN OCCUPANT LOAD OF LESS THAN 500 OR MORE THAN 100 PERSONS ABOVE OR BELOW THE LOWEST LEVEL OF EXIT DISCHARGE. A FULL VISUAL NOTIFICATION SYSTEM IS NOT REQUIRED.
- C. MANUAL PULL STATIONS SHALL BE INSTALLED PER NFPA 101-18.3.
- D. FIRE ALARM SYSTEM SHALL HAVE SPARE CAPACITY FOR ADDITIONS AND/OR MODIFICATION TO NOTIFICATION APPLIANCE CIRCUITS AND INITIATING CIRCUITS.
- E. NOTIFICATION APPLIANCES (AUDIBLE AND VISUAL) SHALL BE SYNCHRONIZED PER NFPA 72 REQUIREMENTS.
- F. SEPARATE 120V POWER CIRCUITS ARE TO BE USED FOR DUCT SMOKE DETECTORS (IN-DUCT OR SAMPLING TUBE TYPE). DO NOT CONNECT TO THE 120V POWER CIRCUIT FOR THE CIRCUITS FOR DAMPERS & DOOR HOLDERS, OR THE CIRCUITS FOR POWER EXTENDER PANELS.
- G. SHOP DRAWINGS SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ) PRIOR TO THE INSTALLATION OF ANY CONDUIT OR COMPONENT. A SET OF APPROVED PLANS SHALL BE MAINTAINED AT THE JOB SITE AT ALL TIMES.
- H. ALL FIRE ALARM CABLE IS TO BE ATTACHED/SUPPORTED TO STRUCTURE INDEPENDENTLY AND NOT ATTACHED TO OTHER HANGERS OR EQUIPMENT, OR IS TO BE INSTALLED IN CONDUIT.
- I. FIRE ALARM SYSTEM BOXES AND CONDUIT IN AREAS NOT WITHIN PUBLIC VIEW SHALL BE PAINTED RED OR OTHERWISE MARKED AS REQUIRED BY NFPA 72. ALL FIRE ALARM EQUIPMENT IN PUBLIC VIEW IS TO BE PROVIDED WITH THE MANUFACTURER APPLIED CUSTOM COLOR DESIGNATED BY THE ARCHITECT.
- J. COORDINATE WITH MECHANICAL CONTRACTOR REGARDING DUCT DETECTORS. IF DUCT DETECTORS ARE REQUIRED, THEY SHALL HAVE AN ACCESS / MAINTENANCE HATCH PER NFPA 72. ENSURE CONNECTIONS TO THE EXISTING FIRE ALARM CONTROL PANEL MEET NFPA 72 REQUIREMENTS. DUCT DETECTORS TO BE POWERED BY OTHERS (NOT FROM THE FAC).
- K. FIRE ALARM SYSTEM SHALL HAVE EXPANSION SPACE FOR DETECTORS AND NOTIFICATION APPLIANCES. NAC PANELS MAY BE REQUIRED (NAC). CONTRACTOR SHALL INDICATE THE LOCATION ON THE SHOP DRAWINGS. FURNISH AND INSTALL A SMOKE DETECTOR TO COMPLY WITH CODE REQUIREMENTS.
- L. CONTRACTOR SHALL COORDINATE WITH CAMPUS SYSTEM DURING THE DESIGN PHASE AND PROVIDE A FIRE ALARM SYSTEM THAT IS PEER TO PEER AND NETWORKABLE WITH THE EXISTING SYSTEM.
- M. FIRE ALARM CONTROL PANEL AND ASSOCIATED EQUIPMENT THAT REQUIRES 120V SHALL BE ON A DEDICATED BRANCH CIRCUIT, BE A LOCK-ON TYPE BREAKER THAT IS RED AND BE ON THE GENERATOR BACK UP SYSTEM.
- N. THE SAME CONTRACTOR (FIRE SENTRY) THAT PERFORMS THE INSTALLATION WILL PROVIDE THE OWNER / OWNERS REPRESENTATIVE WITH INSTRUCTION AS HOW TO MANAGE/CONTROL/AND PROGRAM THE INSTALLED FIRE ALARM SYSTEM.

SHEET NOTES:

THESE ENGINEERED DRAWINGS ARE TO DEFINE THE DESIGN CONCEPT FOR WORKING PLAN PREPARATION BY OTHERS. FIRE ALARM CONTRACTOR SHALL PROVIDE A COMPLETE SET OF SHOP DRAWINGS FOR TENANT IMPROVEMENTS INCLUDING BUT NOT LIMITED TO APPLIANCE/DEVICE LAYOUT, WIRING, EQUIPMENT ADDRESSES, WIRING DIAGRAMS, BATTERY CALCULATIONS, I/O MATRIX, ONE LINE DIAGRAM, SUBMITTALS, EXISTING SYSTEM TIE IN DIAGRAM AND EQUIPMENT COMPATIBILITY DOCUMENTATION. CONTRACTOR IS RESPONSIBLE TO OBTAIN A SEALED LETTER OF ACCEPTANCE, FROM THE ENGINEER, CERTIFYING THE SHOP DRAWINGS ARE IN ACCORDANCE WITH THE DESIGN CONCEPT. REVIEW LETTER SHALL BE SUBMITTED WITH WORKING PLANS TO APPROPRIATE JURISDICTIONAL AUTHORITIES AND INTERESTED PARTIES.

				<div>AMY K. DOCKTER, P.E. C.W. MOORE PLAZA 250 S. 5TH ST BOISE, IDAHO PHONE: 208-343-4635 FAX: 208-343-1858</div>		<div>STAMP </div>		<div>CAD FILE NAME: 531-320_FA2.3A.DWG XREF FILE NAME: 531-320_30X42TLBK.DWG X67A3.DWG</div>		<div>DRAWING TITLE THIRD FLOOR FIRE ALARM PLAN BASE BID</div>		<div>PROJECT TITLE BOISE VAMC BUILDING 67 EXPANSION</div>		<div>DATE 07/12/2013</div>							
		<div>CSHQA</div>		<div>C.W. MOORE PLAZA 250 S. 5TH ST. BOISE, ID 83702 (208) 343-4635 FAX (208) 343-1858 http://www.cshqa.com</div>						<div>APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE</div>		<div>BUILDING NUMBER 67</div>		<div>CHECKED AKD</div>		<div>DRAWN RJL</div>		<div>DRAWING NO. FA2.3A</div>			
REVISIONS		DATE								<div>APPROVED: MEDICAL CENTER DIRECTOR</div>		<div>LOCATION VAMC BOISE, IDAHO</div>		<div>DWG 190 OF 191</div>		<div>DEPARTMENT OF VETERANS AFFAIRS</div>					

NOTE: THIS IS A TYPICAL RISER LAYOUT AND IS SCHEMATIC IN NATURE. NOT ALL DEVICES ARE SHOWN. FIRE ALARM CONTRACTOR TO ENSURE ALL NEW DEVICES ARE INCLUDED ON THE RISER. PROVIDE COMPLETE RISER LAYOUT ON SHOP DRAWINGS.



FIRE ALARM RISER DIAGRAM NOTES:

1. REFER TO FLOOR PLAN FOR LOCATION AND QUANTITY OF DEVICES.
2. UNDER THE ACTIVATION OF SPRINKLER FLOW, SMOKE DETECTOR AND/OR ANY HVAC UNIT DUCT SMOKE DETECTOR THE CONTROL PANEL SHALL SHUT-OFF HVAC UNITS.

1 TYPICAL FIRE ALARM RISER
SCALE: NONE

NOTE: THIS IS A TYPICAL I/O MATRIX AND IS SCHEMATIC IN NATURE. NOT ALL INPUTS OR OUTPUTS ARE SHOWN. FIRE ALARM CONTRACTOR TO ENSURE ALL I/O ARE INCLUDED. PROVIDE COMPLETE I/O MATRIX ON SHOP DRAWINGS

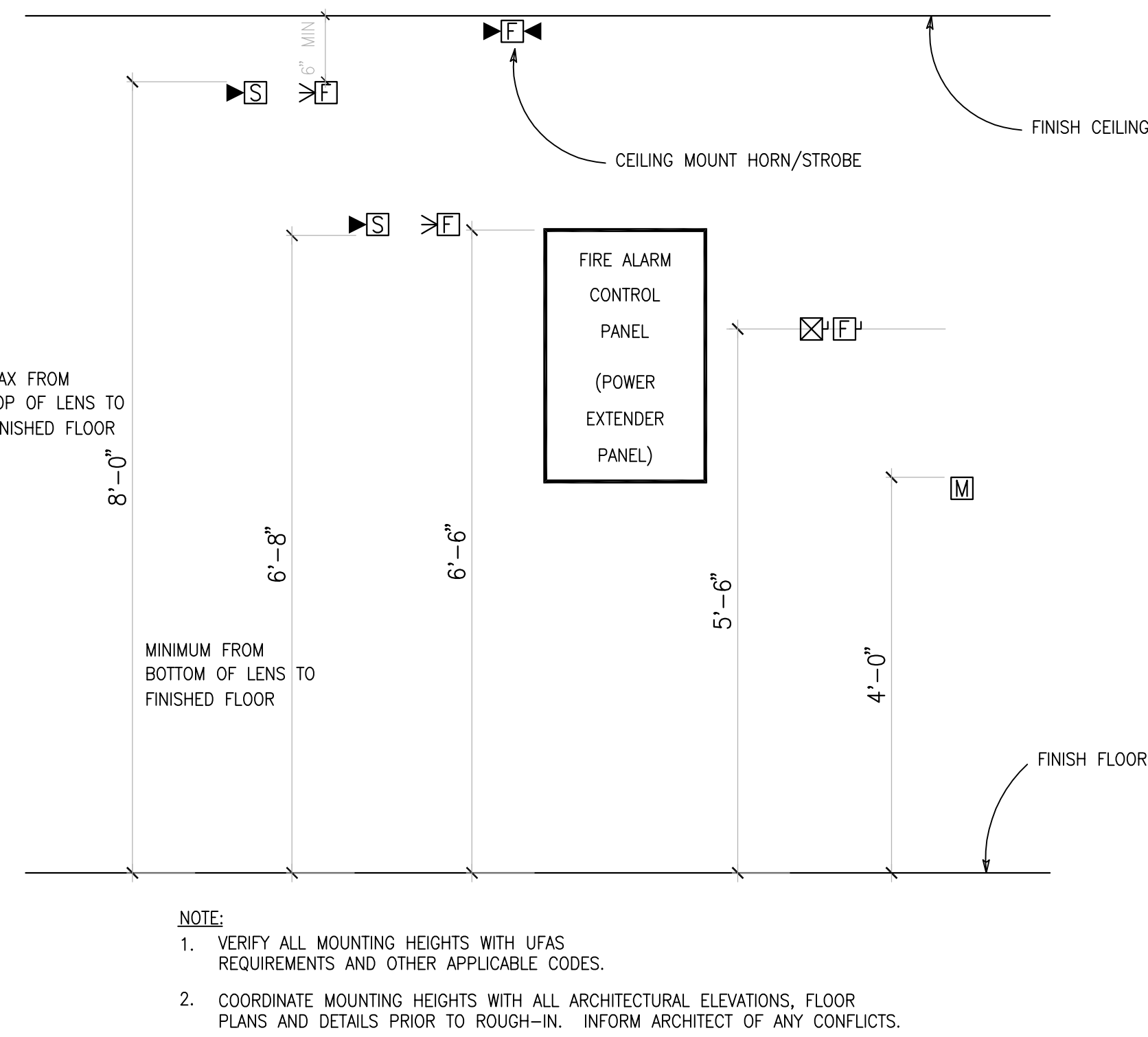
SYSTEM INPUTS		SYSTEM OUTPUTS									
		ACTUATE ALL SPEAKERS & STROBES									
FIRE ALARM AC POWER FAILURE—FACP & ALL POWER PANELS										X	X
FIRE ALARM SYSTEM LOW BATTERY—FACP & ALL POWER PANELS										X	X
OPEN CIRCUIT—FACP & ALL POWER PANELS										X	X
GROUND FAULT—FACP & ALL POWER PANELS										X	X
NOTIFICATION APPLIANCE SHORT CIRCUIT—FACP & ALL POWER PANELS										X	X
MANUAL PULL STATION		X	X			X			X	X	X
SMOKE DETECTORS — ELEVATOR MACHINE ROOM		X	X	X	X				X	X	X
SMOKE DETECTORS — ELEVATOR LOBBIES		X	X	X	X				X	X	X
HEAT DETECTORS — ELEVATOR MACHINE ROOM		X	X		X	X			X	X	X
SMOKE DETECTORS — ABOVE FACP & POWER PANELS AND FOR EGRESS		X	X		X				X	X	X
WET SYSTEM FLOW SWITCH		X	X		X				X	X	X
TAMPER SWITCHES ON SPRINKLER CONTROL VALVES						X			X		X
TAMPER SWITCH ON KNOX BOX						X			X		X
DUCT SMOKE DETECTORS — SAMPLING TUBE FOR HVAC SMOKE CONTROL INPUT				X		X			X		X

3 I/O MATRIX
SCALE: NONE

NOTE: THIS IS A TYPICAL EQUIPMENT SCHEDULE AND IS SCHEMATIC IN NATURE. NOT ALL EQUIPMENT IS SHOWN. FIRE ALARM CONTRACTOR TO ENSURE ALL EQUIPMENT IS INCLUDED. PROVIDE COMPETE EQUIPMENT SCHEDULE ON SHOP DRAWINGS

EQUIPMENT LIST - (PROJECT NAME)					
QUANTITY	DESCRIPTION	MANUFACTURER	MODEL NO.	STANDBY CURRENT MA	ALARM CURRENT MA
(MANUFACTURER NAME AND REPRESENTATIVE CONTACT INFORMATION)					
BUILDING FIRE ALARM SYSTEM					
XX	FIRE ALARM CONTROL PANEL W/ DACT	(MANUFACTURER NAME)	(MODEL NO.)	XXX	XXX
XX	— BATTERY CHARGER	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	— EXTERNAL BATTERY CABINET	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	— BATTERY (SSAH)	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	— NETWORK INTERFACE MODULE, COPPER WIRE	(MANUFACTURER NAME)	(MODEL NO.)	XXX	XXX
XX	INTELLIGENT NETWORK COMMAND CENTER	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	— COMMAND CENTER VOICE GATEWAY	(MANUFACTURER NAME)	(MODEL NO.)	XXX	XXX
XX	— ADDRESSABLE SWITCH MODULE	(MANUFACTURER NAME)	(MODEL NO.)	XX	XXX
XX	— FIRE FIGHTER TELEPHONE HANDSET	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	— PAGING MICROPHONE MODULE	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	— INNER DOOR W/ ONE DOUBLE SLOT FOR INCC-TEL	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	INTELLIGENT NETWORK TRANSPONDER	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	— INTELLIGENT NETWORK INTERFACE-VOICE GATEWAY	(MANUFACTURER NAME)	(MODEL NO.)	XXX	XXX
XX	— ADDRESSABLE SWITCH MODULE — DUAL CHANNEL	(MANUFACTURER NAME)	(MODEL NO.)	XX	XX
XX	— POWER SUPPLY	(MANUFACTURER NAME)	(MODEL NO.)	XXX	XX
XX	— AMPLIFIER	(MANUFACTURER NAME)	(MODEL NO.)	XXX	XXXX
XX	— BATTERY (STAH)	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	— EXTERNAL BATTERY CABINET	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
NEW ADDRESSABLE FIRE ALARM INITIATING DEVICES					
XX	ADDR. SMOKE DETECTOR — PHOTOELECTRIC	(MANUFACTURER NAME)	(MODEL NO.)	XXX	XXXX
XX	— SMOKE DETECTOR BASE (STANDARD)	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	ADDRESSABLE RELAY MODULE	(MANUFACTURER NAME)	(MODEL NO.)	XXX	XXX
XX	ADDRESSABLE INPUT MODULE	(MANUFACTURER NAME)	(MODEL NO.)	XXX	XXX
ACCESSORIES:					
XX	SLC WIRE — 2C#18	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	NETWORK WIRE — 4C#18	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	NAC CIRCUIT WIRE — 2C#12	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
XX	NAC CIRCUIT WIRE — 2C#14	(MANUFACTURER NAME)	(MODEL NO.)	N/A	N/A
NOTIFICATION APPLIANCES:					
XX	ADA SPEAKER/STROBE—15CD, WALL MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XX
XX	ADA STROBE ONLY—15CD,WALL MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XX
XX	ADA SPEAKER/STROBE —15CD, CEILING MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XX
XX	ADA SPEAKER/STROBE—30CD, WALL MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XX
XX	ADA STROBE ONLY — 30CD, WALL MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XX
XX	ADA SPEAKER/STROBE—30CD, CEILING MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XXX
XX	ADA SPEAKER/STROBE—75CD, WALL MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XXX
XX	ADA STROBE ONLY — 75CD, WALL MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XXX
XX	ADA SPEAKER/STROBE—75CD, CEILING MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XXX
XX	ADA SPEAKER/STROBE—110CD, WALL MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XXX
XX	ADA SPEAKER/STROBE—95CD, CEILING MOUNT	(MANUFACTURER NAME)	(MODEL NO.)		XXX
XXXX	TOTAL NOTIFICATION APPLIANCES				XXXX

2 EQUIPMENT LIST FOR FIRE ALARM EQUIPMENT
SCALE: NONE



- NOTE:
1. VERIFY ALL MOUNTING HEIGHTS WITH UFAS REQUIREMENTS AND OTHER APPLICABLE CODES.
 2. COORDINATE MOUNTING HEIGHTS WITH ALL ARCHITECTURAL ELEVATIONS, FLOOR PLANS AND DETAILS PRIOR TO ROUGH-IN. INFORM ARCHITECT OF ANY CONFLICTS.

4 MOUNTING HEIGHT DETAIL
SCALE: NONE

REVISIONS		DATE	CSHQ		C.W. MOORE PLAZA 250 S. 5TH ST. BOISE, ID 83702 (208) 343-4635 FAX (208) 343-1858 http://www.cshqa.com	AMY L. DOCKTER, P.E. C.W. MOORE PLAZA 250 S. 5TH ST BOISE, IDAHO PHONE: 208-343-4635 FAX: 208-343-1858 <small>THESE DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT (ENGINEER) WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THESE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY ANY PERSON OR ENTITY ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR THE CONSTRUCTION OF THIS PROJECT, WHEN MADE WITHOUT THE WRITTEN CONSENT OF CSHQA OR ITS AFFILIATES. Copyright 2011</small>	STAMP PROFESSIONAL ENGINEER 1-2-13 STATE OF IDAHO AMY L. DOCKTER	CAD FILE NAME: 531-320_FA3.1.DWG XREF FILE NAME: 531-320_30X42TLBK.DWG	DRAWING TITLE FIRE ALARM RISER DIAGRAM AND DETAILS	PROJECT TITLE BOISE VAMC BUILDING 67 EXPANSION	DATE 07/12/2013	DEPARTMENT OF VETERANS AFFAIRS	
									APPROVED: CHIEF OF FACILITY MANAGEMENT SERVICE	BUILDING NUMBER 67	CHECKED AKD	DRAWN RJL	
									APPROVED: MEDICAL CENTER DIRECTOR	LOCATION VAMC BOISE, IDAHO			